

Amendments to th Claims

Claim 1-26 (Cancelled).

Claim 27 (Currently amended): A hydrogenation process of ~~hydrodehalogenating a halogenated organic compound comprising: providing a halogenated organic compound; and contacting the a halogenated organic compound with H₂, H₂O and a catalyst in the presence of water to form a hydrodehalogenation reaction product hydrogenated compound.~~

Claim 28 (Currently amended): The process of claim 26 27 wherein the halogenated organic compound comprises CFC-217ba the contacting further comprises contacting the compound with H₂.

Claim 29 (Currently amended): The process of claim 26 28 wherein the a ratio of the H₂ to halogenated organic the compound is from about 0.2:1 to about 10:1.

Claim 30 (Currently amended): The process of claim 26 28 wherein the a ratio of the H₂ to halogenated organic the compound is at least about 1.2:1.

Claim 31 (Currently amended): The process of claim 26 27 wherein the H₂O water is from about 0.04 to about 12 percent by weight of the halogenated organic compound.

Claim 32 (Currently amended): The process of claim 30 27 wherein the H_2O water is at least about 0.8 percent by weight of the halogenated organic compound.

Claim 33 (Currently amended): The process of claim 26 27 wherein the catalyst contains a metal.

Claim 34 (Currently amended): The process of claim 33 27 wherein the catalyst comprises Pd palladium and a catalyst support.

Claims 35-88 (Cancelled).

Claim 89 (New): The process of claim 27 wherein the compound comprises C_3F_7Cl and the hydrogenated compound comprises C_3F_7H .

Claim 90 (New): The process of claim 27 wherein the compound is aliphatic.

Claim 91 (New): The method of claim 27 wherein the compound is olefinic.

Claim 92 (New): The method of claim 27 wherein the compound is perhalogenated.